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Docket No. 50-302

Mr. John A. Hancock  
Vice President, Nuclear Operations  
Florida Power Corporation  
ATTN: Manager, Nuclear Licensing  
& Fuel Management  
P. O. Box 14042; M.A.C. H-2  
St. Petersburg, Florida 33733

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Dear Mr. Hancock:

We have completed our review of the safe shutdown capability of the Crystal River Unit 3 Station in the event of a fire at the plant. A copy of our Safety Evaluation and the Staff Position on the need for a source range neutron flux monitor is enclosed. The Safety Evaluation incorporates the technical input provided by the Brookhaven National Laboratory. The safe shutdown capability was evaluated against the requirements of Sections III.G and III.L of Appendix R to 10 CFR 50. We conclude that the safe shutdown capability in the event of a fire in the control room, cable spreading room, or control complex HVAC equipment room, is in accordance with the aforementioned Rule, except for the absence of source range neutron flux monitoring capability.

Within 30 days of receipt of this letter, kindly provide a commitment to provide the above instrument. However, this instrument system does not have to be safety grade, but only meet the requirements contained in Section III.L.G of Appendix R. This letter and SE also closes out the open items concerning alternative shutdown from our SE dated July 27, 1979.

In addition, as discussed in the SE, we are awaiting your design submittal of a dedicated HVAC system to provide ventilation and cooling for the dedicated shutdown panel, power supply and switchgear. We will provide a separate review for this design.

Sincerely,

ORIGINAL SIGNED BY  
JOHN F. STOLZ

John F. Stolz, Chief  
Operating Reactors Branch #4  
Division of Licensing

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Enclosure:  
Safety Evaluation

OFFICE	cc w/enclosure: See next page	ORB#4:DL	ORB#5:DL	C-ORB#4:DL		
SURNAME		MFairtile:cf	TWambach	JStolz		
DATE		1/6/83	1/6/83	1/6/83		

Crystal River Unit No. 3  
Florida Power Corporation

50-302

cc w/enclosure(s):  
Mr. S. A. Brandimore  
Florida Power Corporation  
Vice President and General Counsel  
P. O. Box 14042  
St. Petersburg, Florida 33733

Mr. Wilbur Langely, Chairman  
Board of County Commissioners  
Citrus County  
Iverness, Florida 36250

Regional Radiation Representative  
EPA Region IV  
345 Courtland Street, N.E.  
Atlanta, Georgia 30308

Mr. Robert B. Borsum  
Babcock & Wilcox  
Nuclear Power Generation Division  
Suite 220, 7910 Woodmont Avenue  
Bethesda, Maryland 20814

Mr. Tom Stetka, Resident Inspector  
U.S. Nuclear Regulatory Commission  
Route #3, Box 717  
Crystal River, Florida 32629

Mr. T. C. Lutkehaus  
Nuclear Plant Manager  
Florida Power Corporation  
P. O. Box 219  
Crystal River, Florida 32629

Bureau of Intergovernmental Relations  
660 Apalachee Parkway  
Tallahassee, Florida 32304

Administrator  
Department of Environmental Regulation  
Power Plant Siting Section  
State of Florida  
2600 Blair Stone Road  
Tallahassee, Florida 32301

Attorney General  
Department of Legal Affairs  
The Capitol  
Tallahassee, Florida 32304

Mr. James P. O'Reilly, Regional Administrator  
U. S. Nuclear Regulatory Commission, Region II  
101 Marietta Street, Suite 3100  
Atlanta, Georgia 30303